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RURAL DISTRICT OF TAMWORTH

WARWICKSHIRE



ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE YEAR

1964



RURAL DISTRICT OF TAMWORTH

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WARWICKSHIRE

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH

FOR 1964

I have the honour to submit the report of the state of the public health of the Tamworth Rural District for the year 1964. In accordance with the usual agreed practice, I have omitted any special reference to the many social services administered by me as Area Medical Officer on behalf of the Warwickshire County Council. The relevant information regarding these - school medical work, health education, maternity and child welfare, domestic help, care and after-care - will be found in the Annual Report of the County Medical Officer of Health and Principal School Medical Officer for the year under review.

In keeping with world-wide trends, the population of the District increased by 980 to 22,150 over the previous year.

Once again, the general health of the community was satisfactory and no serious outbreaks of notifiable infectious diseases occurred. The total incidence of these was less than one third compared with last year, with cases of Measles predominant.

A noteworthy exception was the absence of Poliomyelitis in any form for the seventh successive year, and of Diphtheria for more than thirteen years. Nevertheless, the absence of these two much dreaded maladies is not to be interpreted as grounds for complacency, but rather as a striking example of the value of preventive medicine, and, in particular, of immunisation, the need for which latter cannot be too strongly emphasised. Indeed, outbreaks of these two last mentioned diseases elsewhere in England and Wales among persons inadequately or totally unprotected are a salutary reminder of the folly of neglect of simple precautions.

No cases of Dysentery or Typhoid Fever came to light but two notifications of Food Poisoning were received - the first since 1958.

Only four new cases of Pulmonary Tuberculosis were recorded. Three of these were male adults in the 55 - 65 age group, and, as mentioned in earlier reports, the need for adequate "screening" of elderly persons suffering from "bronchitis" cannot be too strongly stressed. Cases of this kind often are a reservoir of infection, especially when young children are naturally frequently cared for in close contact with their grandparents.

Generally speaking, water supplies throughout the District were wholesome and ample - detailed information regarding their source and analysis will be found in the body of the Report, where mention is made of fluoridation of water from Wales supplied by the City of Birmingham Water Department.

Refuse collection and disposal continued satisfactorily and further discussions took place with Tamworth Borough Council regarding a joint pulverising plant scheme as a means of overcoming the increasing task of securing suitable disposal sites.

Recording of atmospheric pollution continued on a regular basis for the sixth successive year within the framework of the





Warwickshire Clean Air Council, and the results tabulated elsewhere merit close study, especially in respect of a distinct fall in pollution by grit and sulphur dioxide since 1960.

Regarding housing once again it is pleasing to report good progress on the part of the Council and also by private enterprise with 236 and 152 dwellings erected respectively. Out of this total of 388, 139 homes were provided under the Council's "houses for sale" project, which has been an unqualified success, and a noteworthy contribution for the relief of the country-wide housing shortage. At the close of the year, applications for Council housing were 535. Some 285 dwellings were under construction, of which 257 were connected with private enterprise.

The Offices, Shops and Railway Premises Act, 1963, became operative during the year with the result that 43 premises where 133 persons were employed were registered.

Regarding meat inspection, in my Report for 1963 mention was made of a shortage of staff, whereby the Inspectorate was reduced to one, and, as a result, 100 per cent coverage was impossible. However, the appointment of one additional Inspector in November of that year, enabled 100 per cent inspection to be made during the year under review. Conditions at the three licensed slaughterhouses continued to be satisfactory and the generally high quality of the meat is reflected in the low amount of condemned meat - 24 cwts out of 10,646 animals inspected. With the exception of 7 pigs, only part of the carcasses of which were condemned, no tuberculosis was found in this large number, nor was there any evidence of infection with *Cysticercus bovis*, the precursor of tapeworm in human beings.

This is the last of a long series of Reports dealing with the work of the Public Health Department because, as a result of recent legislation, the Tamworth Rural District was dissolved on 1st April 1965. The "built-up" part of the District has been transferred to the County of Staffordshire and, with the exception of the parish of Middleton and a small part of the parish of Kingsbury, the remainder has been transferred to Atherstone Rural District.

In preparing this Report the sections concerning environmental hygiene have been contributed by Mr. G.W. Watts, Senior Public Health Inspector. Information regarding drainage, sewerage and refuse collection/disposal, has been given by the Engineer and Surveyor. At the same time, the Housing Manager has furnished details concerning housing.

In conclusion, I wish to express my gratitude for the ready co-operation and assistance from the staff, and also from the other Departments of the Council.

R. S. McELROY  
Medical Officer of Health.

Park Road,  
Coleshill.

November 1965.



T A M W O R T H   R U R A L   D I S T R I C T   C O U N C I L

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1 9 6 4

Chairman of the Council:

WILLIAM NEWBURY

Vice-Chairman of the Council:

WILLIAM ATKINS

Clerk of the Council:

E. ROBINSON

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PUBLIC HEALTH COMMITTEE:

All the Members of the Council

Chairman: W.H. KING

---

HOUSING COMMITTEE:

All the Members of the Council

Chairman: S.A. ALLSOP

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PUBLIC HEALTH DEPARTMENT STAFF

AS AT 31ST DECEMBER, 1964

MEDICAL OFFICER OF HEALTH:

R. S. McELROY, M.A., M.B., B.Ch., B.A.O., D.P.H., D.T.M.  
(Also Medical Officer of Health, Meriden Rural District  
Council, and Area Medical Officer, North Western Area,  
Warwickshire County Council)

SENIOR PUBLIC HEALTH INSPECTOR:

G. J. WATTS, M.A.P.H.I., M.R.I.P.H.H., Cert. Meat and Foods.

ADDITIONAL PUBLIC HEALTH INSPECTOR:

C.A. STANLEY

CHIEF CLERK:

J.D. MYNARD, L.M.R.S.H.

COUNCIL OFFICES:

92 Lichfield Street,  
TAMWORTH,  
Staffs.

Tel. Tamworth 3755/6.

OFFICE OF MEDICAL OFFICER OF HEALTH:

Area Health Office,  
Park Road, COLESHILL,  
Nr. Birmingham.

Tel. Coleshill 2331/2.





S E C T I O N    A.

STATISTICS    AND    SOCIAL    CONDITIONS

|   |    |    |    |    |    |    |    |        |
|---|----|----|----|----|----|----|----|--------|
| Area in Acres                                     | .. | .. | .. | .. | .. | .. | .. | 22,032 |
| Population (Registrar General's estimate Mid-1964 |    |    |    |    |    |    |    | 22,150 |
| "        (1961 Census)                            | .. | .. | .. | .. | .. | .. | .. | 19,036 |
| "        (1951 Census)                            | .. | .. | .. | .. | .. | .. | .. | 16,118 |
| "        (1931 Census)                            | .. | .. | .. | .. | .. | .. | .. | 14,151 |

VITAL    STATISTICS

Live Births

Comparability Factor: 0.86

|              |    |    |    | Males | Females | Total |
|--------------|----|----|----|-------|---------|-------|
| Legitimate   | .. | .. | .. | 273   | 262     | 535   |
| Illegitimate | .. | .. |    | 4     | 8       | 12    |
| Totals       | .. | .. | .. | 277   | 270     | 547   |

Crude Birth Rate

24.69 per 1,000 estimated population.

Standardised Birth Rate

21.0 per 1,000 estimated population.

|       |       |       |       |       |       |      |      |      |      |
|-------|-------|-------|-------|-------|-------|------|------|------|------|
| 1964  | 1963  | 1962  | 1961  | 1960  | 1959  | 1958 | 1957 | 1956 | 1955 |
| 24.69 | 21.49 | 20.16 | 21.49 | 18.92 | 17.32 | 17.3 | 16.9 | 19.0 | 16.0 |

Still Births

|              |    |    |    | Males | Females | Total |
|--------------|----|----|----|-------|---------|-------|
| Legitimate   | .. | .. | .. | 3     | 5       | 8     |
| Illegitimate | .. | .. |    | -     | -       | -     |
|              |    |    |    | 3     | 5       | 8     |

Still Birth Rate

24.1 per 1,000 total (live and still) births.

|      |       |       |       |       |      |      |      |      |      |
|------|-------|-------|-------|-------|------|------|------|------|------|
| 1964 | 1963  | 1962  | 1961  | 1960  | 1959 | 1958 | 1957 | 1956 | 1955 |
| 24.1 | 17.27 | 19.75 | 19.13 | 14.66 | 34.7 | 28.7 | 24.2 | 18.3 | 25.1 |



Illegitimate Live Births

(per cent of total live births) = 2.24.

Total Live and Still Births = 555.Deaths

Comparability Factor: 0.86

|                           | Males | Females | Total |
|---------------------------|-------|---------|-------|
| Deaths from all Causes .. | 87    | 68      | 155   |

Crude Death Rate

6.5 per 1,000 estimated population.

Standardised Death Rate

9.16 per 1,000 estimated population.

| 1964 | 1963 | 1962 | 1961  | 1960 | 1959 | 1958 | 1957 | 1956 | 1955 |
|------|------|------|-------|------|------|------|------|------|------|
| 6.5  | 8.36 | 9.04 | 10.03 | 9.18 | 9.3  | 9.8  | 8.8  | 8.4  | 8.7  |

Classified Causes of Death

| Cause of Death                              | Males     | Females   | Total      |
|---|-----------|-----------|------------|
| 1. Tuberculosis, Respiratory                | -         | 1         | 1          |
| 2. Tuberculosis, other                      | -         | -         | -          |
| 3. Syphilitic disease                       | -         | -         | -          |
| 4. Diphtheria                               | -         | -         | -          |
| 5. Whooping Cough                           | -         | -         | -          |
| 6. Meningococcal infections                 | -         | -         | -          |
| 7. Acute Poliomyelitis                      | -         | -         | -          |
| 8. Measles                                  | -         | -         | -          |
| 9. Other infective and parasitic disease    | -         | -         | -          |
| 10. Malignant neoplasm, stomach             | 3         | 1         | 4          |
| 11. Malignant neoplasm, lung, bronchus      | 7         | 1         | 8          |
| 12. Malignant neoplasm, breast              | -         | 3         | 3          |
| 13. Malignant neoplasm, uterus              | -         | 1         | 1          |
| 14. Other malignant and lymphatic neoplasms | 7         | 3         | 10         |
| 15. Leukæmia, aleukaemia                    | 1         | -         | 1          |
| 16. Diabetes                                | 1         | -         | 1          |
| 17. Vascular lesions of nervous system      | 13        | 13        | 26         |
| 18. Coronary disease, angina                | 22        | 10        | 32         |
| 19. Hypertension with heart disease         | -         | 1         | 1          |
| 20. Other heart disease                     | 8         | 10        | 18         |
| 21. Other circulatory disease               | 3         | 6         | 9          |
| 22. Influenza                               | 1         | -         | 1          |
| 23. Pneumonia                               | 2         | 4         | 6          |
| 24. Bronchitis                              | 6         | 2         | 8          |
| 25. Other diseases of respiratory system    | 2         | -         | 2          |
| 26. Ulcer of stomach and duodenum           | 1         | 1         | 2          |
| 27. Gastritis, enteritis and diarrhoea      | -         | -         | -          |
| 28. Nephritis and nephrosis                 | -         | 1         | 1          |
| 29. Hyperplasia of prostate                 | 2         | -         | 2          |
| 30. Pregnancy, childbirth, abortion         | -         | -         | -          |
| 31. Congenital malformations                | 1         | 3         | 4          |
| 32. Other defined and ill-defined diseases  | 3         | 7         | 10         |
| 33. Motor vehicle accidents                 | 1         | -         | 1          |
| 34. All other accidents                     | 2         | -         | 2          |
| 35. Suicide                                 | 1         | -         | 1          |
| 36. Homicide and operations of war          | -         | -         | -          |
| 37. All causes                              | <u>87</u> | <u>68</u> | <u>155</u> |





Deaths of Infants under one year of age

|              |    |    |    |    | Males | Females | Total |
|--------------|----|----|----|----|-------|---------|-------|
| Legitimate   | .. | .. | .. | .. | 3     | 4       | 7     |
| Illegitimate |    | .. | .. | .. | -     | -       | -     |
| Totals       | .. | .. | .. |    | 3     | 4       | 7     |

Infant Mortality Rate

12.72 per 1,000 births.

|       |       |       |      |      |      |      |      |      |      |
|-------|-------|-------|------|------|------|------|------|------|------|
| 1964  | 1963  | 1962  | 1961 | 1960 | 1959 | 1958 | 1957 | 1956 | 1955 |
| 12.72 | 24.17 | 27.98 | 21.9 | 11.9 | 35.9 | 23.0 | 9.8  | 37.3 | 33.1 |

Infant Deaths (under 4 weeks of age)

|              |    |    |    |    | Males | Females | Total |
|--------------|----|----|----|----|-------|---------|-------|
| Legitimate   | .. | .. | .. | .. | 2     | 3       | 5     |
| Illegitimate |    | .. | .. | .. | -     | -       | -     |
| Totals       | .. | .. | .. |    | 2     | 3       | 5     |

Legitimate Infant Deaths per 1,000 Legitimate Live Births  
= 10.7

Illegitimate Infant Deaths per 1,000 Illegitimate Live Births  
= Nil

Neo-natal Mortality Rate, 1964: 16.45 per 1,000 live births.  
(Compared with 17.63 per 1,000 live births in 1962 and  
19.78 per 1,000 live births in 1963)

Early Neo-natal Mortality Rate (deaths under one week per  
1,000 total live births) = 13.67.

|              |    |    |    |    | Males | Females | Total |
|--------------|----|----|----|----|-------|---------|-------|
| Legitimate   | .. | .. | .. | .. | 2     | 2       | 4     |
| Illegitimate |    | .. | .. | .. | -     | -       | -     |
| Total        | .. | .. | .. |    | 2     | 2       | 4     |

Perinatal Mortality Rate (Still births and Deaths under one  
week combined per 1,000 total live and still births) = 4.62,

Comparative Birth and Death Rates per 1,000 population.

|                     | Tamworth Rural District | England and Wales (provisional) |
|---------------------|-------------------------|---------------------------------|
| <u>Births:</u>      |                         |                                 |
| Live Births         | * 21.0                  | 18.4                            |
| Still Births        | 24.1(a)                 | 16.3(a)                         |
| <u>Deaths:</u>      |                         |                                 |
| All causes          | * 9.16                  | 11.3                            |
| Infant Mortality    | 12.72(b)                | 20.0(b)                         |
| Neo-natal Mortality | 16.45(b)                |                                 |

\* Using comparability factors (Births 0.86 and Deaths 1.41)  
(a) per 1,000 total live and still births.  
(b) per 1,000 live births.



Maternal Deaths .. Nil.

Deaths due to Malignant Disease

|                    | Males | Females | Total |
|--------------------|-------|---------|-------|
| All Causes .. .. . | 18    | 9       | 27    |

Cancer Death Rate: 1.21 per 1,000 population.

GENERAL COMMENT

Population

Compared with 1963 there was an increase of 980 to 22,150. This is in keeping with general trends, especially with the increasing industrialisation and dormitory development in certain parts of the District.

Births

At 24.69 per 1,000 head of population, the crude birth rate was the highest recorded for some eleven years.

Deaths

For many years, the maternal mortality rate has been nil and this satisfactory state of affairs reflects the care and skill of all concerned, whether domiciliary or institutional, not only during the actual confinement but also in the ante-natal period when regular examinations enable any adverse conditions to be diagnosed and suitable measures taken in good time.

There were 87 male and 68 female deaths from all causes with a marked reduction in the former compared with the 1963 figure (111). This gives a standardised or adjusted death rate of 9.16 per 1,000 estimated population, which compares very favourably with the overall rate for England and Wales(11.3).

The chief causes of death continued to be diseases of the heart and circulation. Four persons died from cancer of the stomach while seven males and one female succumbed to lung cancer - the number of male deaths was 15 for the previous year. While there was only one death from influenza, pneumonia accounted for six. On the other hand, bronchitis was responsible for eight fatalities, half the total for the previous year. In view of the countrywide increase in deaths from motor vehicle accidents, it is pleasing to record only one such unfortunate event during the year.





# SECTION B.

## PREVALENCE AND CONTROL OF INFECTIOUS DISEASE

Total number of cases of Infectious Disease notified during 1964  
(Giving age groups, deaths and admissions to hospital).

| Notifiable Disease            | Number of cases notified |         |                 |      |       |       |       |               | Total cases removed to Hospital | Total deaths |
|-------------------------------|--------------------------|---------|-----------------|------|-------|-------|-------|---------------|---------------------------------|--------------|
|                               | At all ages              | Under 1 | At Ages - years |      |       |       |       | 65 and up-wds |                                 |              |
|                               |                          |         | 1-5             | 5-15 | 15-25 | 25-45 | 45-65 |               |                                 |              |
| Measles .. ..                 | 84                       | 2       | 46              | 36   | -     | -     | -     | -             | -                               | -            |
| Whooping Cough                | 6                        | -       | 4               | 2    | -     | -     | -     | -             | -                               | -            |
| Pneumonia ..                  | 3                        | -       | -               | -    | -     | -     | 1     | 2             | -                               | 6            |
| Scarlet Fever                 | 10                       | -       | -               | 6    | 1     | -     | 1     | 2             | -                               | -            |
| Erysipelas ..                 | 1                        | -       | -               | -    | -     | -     | -     | 1             | -                               | -            |
| Dysentery ..                  | -                        | -       | -               | -    | -     | -     | -     | -             | -                               | -            |
| Pulmonary ..                  | 4                        | -       | -               | -    | -     | 1     | 3     | -             | -                               | 1            |
| Tuberculosis                  | -                        | -       | -               | -    | -     | -     | -     | -             | -                               | -            |
| Non-Pulmonary Tuberculosis    | -                        | -       | -               | -    | -     | -     | -     | -             | -                               | -            |
| Acute-Paralytic Poliomyelitis | -                        | -       | -               | -    | -     | -     | -     | -             | -                               | -            |
| Non-Paralytic Poliomyelitis   | -                        | -       | -               | -    | -     | -     | -     | -             | -                               | -            |
| Food Poisoning                | 2                        | -       | -               | 1    | 1     | -     | -     | -             | -                               | -            |
| Puerperal Pyrexia             | -                        | -       | -               | -    | -     | -     | -     | -             | -                               | -            |
| Meningococcal Infection ..    | -                        | -       | -               | -    | -     | -     | -     | -             | -                               | -            |
| Totals                        | 110                      | 2       | 50              | 45   | 2     | 1     | 5     | 5             | -                               | 7            |

Total Cases of Infectious Disease notified during previous years

|                            | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 | 1957 | 1956 | 1955 |
|----------------------------|------|------|------|------|------|------|------|------|------|------|
| Measles .. ..              | 84   | 353  | 64   | 379  | 171  | 134  | 25   | 227  | 4    | 410  |
| Whooping Cough             | 6    | 1    | -    | 4    | 8    | 4    | 24   | 7    | 76   | 8    |
| Pneumonia ..               | 3    | 2    | 5    | 7    | 9    | 9    | 10   | 11   | 7    | 12   |
| Scarlet Fever              | 10   | 4    | 3    | 5    | 9    | 27   | 15   | 8    | 5    | 8    |
| Erysipelas ..              | 1    | -    | -    | 1    | 2    | 2    | -    | 2    | 2    | 1    |
| Acute Poliomyelitis        |      |      |      |      |      |      |      |      |      |      |
| Paralytic ..               | -    | -    | -    | -    | -    | -    | -    | 1    | -    | 2    |
| Non-paralytic              | -    | -    | -    | -    | -    | -    | -    | 2    | -    | -    |
| Meningococcal Infection .. | -    | -    | -    | -    | -    | -    | -    | 1    | -    | -    |
| Dysentery ..               | -    | -    | -    | -    | 4    | -    | -    | -    | 2    | -    |
| Typhoid Fever              | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| Paratyphoid Fever          | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| Pulmonary ..               |      |      |      |      |      |      |      |      |      |      |
| Tuberculosis               | 4    | 6    | 1    | 8    | 3    | 7    | 7    | 8    | 9    | 8    |
| Non-pulmonary Tuberculosis | -    | -    | -    | 2    | -    | 3    | 1    | 2    | -    | 2    |
| Food Poisoning             | 2    | -    | -    | -    | -    | -    | 2    | -    | -    | 2    |
| Puerperal Pyrexia          | -    | -    | 1    | -    | -    | -    | -    | -    | -    | -    |
| Diphtheria ..              | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| Totals ..                  | 110  | 369  | 74   | 406  | 206  | 186  | 84   | 269  | 105  | 453  |



## Infectious Disease

As mentioned in the introduction, notifications decreased to 110, which is a very satisfactory level.

### Measles

In keeping with its tendency to rise and fall in alternate years, notifications reached the low figure of 84 with the majority in the 1 - 5 year age group. No person over the age of 15 years was affected, and no case had to be admitted to hospital. Under the auspices of the Medical Research Council, further progress was made with the development of a vaccine against this disease.

### Whooping Cough

Only six cases were notified - a very satisfactory state of affairs likely due to immunisation against this erstwhile serious malady. Particulars of the inoculation campaign were as follows:-

|             | Age at date of Injection |       |       |       |         | Total |
|-------------|--------------------------|-------|-------|-------|---------|-------|
|             | Under 1                  | 1 - 2 | 3 - 4 | 5 - 9 | 10 - 14 |       |
| Primary     | 241                      | 59    | 4     | 3     | -       | 307   |
| Reinforcing | -                        | 165   | 22    | 9     | -       | 196   |
| Totals      | 241                      | 224   | 26    | 12    | -       | 503   |

### Scarlet Fever

Ten cases came to light - all of a mild nature.

### Dysentery

No reports were received and, in fact, since 1954 only nine cases have been notified. This is a very satisfactory state of affairs compared with other parts of the country where the disease appears to be endemic.

### Poliomyelitis

No cases have been recorded since 1957. In fact, only four notifications have been made over the 14 year period 1951-1964.

The following Table shows the position regarding the vaccination campaign in the Meriden and Tamworth Rural Districts since its inception in 1956 up to 31st December 1964.

#### Completed Poliomyelitis Injections as at 31st December 1964

| Age         | Primary |        | Booster |        | Fourths |       | Totals |        | Grand Totals |
|-------------|---------|--------|---------|--------|---------|-------|--------|--------|--------------|
|             | Oral    | Salk   | Oral    | Salk   | Oral    | Salk  | Oral   | Salk   |              |
| 0-15 years  | 568     | 20,518 | 4,327   | 18,615 | 1,541   | 8,766 | 6,436  | 47,899 | 54,335       |
| 15-25 years | 56      | 4,904  | 421     | 4,019  | 48      | 12    | 525    | 8,935  | 9,460        |
| 25-40 years | 300     | 3,868  | 382     | 4,683  | 18      | 21    | 700    | 8,572  | 9,272        |
| Others ..   | 48      | 2,333  | 489     | 2,240  | 24      | 15    | 561    | 4,588  | 5,149        |
| Totals ..   | 972     | 31,613 | 5,619   | 29,557 | 1,631   | 8,814 | 8,222  | 69,994 | 78,216       |







Tuberculosis

At the close of the year 81 names were registered of which 67 were pulmonary and 14 of the non-pulmonary type of the disease. Of the former, four new cases occurred in the District and three were inward-transfers, while four names were removed from the Register.

Age and Sex Distribution of New Cases and Deaths notified during 1964.

| Age Periods    | New Cases |   |               |   | Deaths    |   |               |   |
|----------------|-----------|---|---------------|---|-----------|---|---------------|---|
|                | Pulmonary |   | Non-Pulmonary |   | Pulmonary |   | Non-Pulmonary |   |
|                | M         | F | M             | F | M         | F | M             | F |
| 0 - 1 .. ..    | -         | - | -             | - | -         | - | -             | - |
| 1 - 5 .. ..    | -         | - | -             | - | -         | - | -             | - |
| 5 - 15 .. ..   | -         | - | -             | - | -         | - | -             | - |
| 15 - 25 ..     | -         | - | -             | - | -         | - | -             | - |
| 25 - 35 ..     | -         | - | -             | - | -         | - | -             | - |
| 35 - 45 ..     | 1         | - | -             | - | -         | - | -             | - |
| 45 - 55 ..     | -         | - | -             | - | -         | - | -             | - |
| 55 - 65 ..     | 3         | - | -             | - | -         | - | -             | - |
| 65 and upwards | -         | - | -             | - | -         | - | -             | - |
| Totals .. ..   | 4         | - | -             | - | -         | - | -             | - |

Total number of Tuberculous persons remaining on Register at 31st December 1964

|   | Pulmonary |    | Non-Pulmonary |   |
|---|-----------|----|---------------|---|
|   | M         | F  | M             | F |
| 1. Total on register at 31st December, 1963 .. .. | 38        | 26 | 8             | 5 |
| 2. New Cases .. ..                                | 4         | -  | -             | - |
| 3. Inward Transfers .. ..                         | 1         | 2  | -             | 1 |
| 4. Removals .. ..                                 | 3         | 1  | -             | - |
| 5. Total on register at 31st December, 1964 .. .. | 40        | 27 | 8             | 6 |

Sampling of milk is carried out by the County Health Department and the table sub-pended summarizes the investigations in respect of this District - a satisfactory result.

Tuberculous Milk Investigations - Routine Milk Samples for Biological Examination during the year 1964.

| <u>Designation of Milk</u> | <u>Total No. of samples</u> | <u>No. Positive</u> |
|----------------------------|-----------------------------|---------------------|
| Tuberculin Tested .....    | 7                           | Nil                 |



### Food Poisoning

Compared with the previous year, when no cases came to light, the receipt of only two reports can still be regarded as satisfactory. This is a re-assuring indication of the improved standards of hygiene now prevalent not only among producers and purveyors of foodstuffs, but also in premises where meals are prepared and served.

### Diphtheria

For the seventeenth successive year no case of diphtheria came to light. Immunisation was given by family doctors and at Child Welfare Centres and schools where the ready co-operation of those in charge is much appreciated.

A "triple vaccine" combining protection against diphtheria, whooping cough and tetanus is usually accepted thereby reducing the number of injections needed.

#### Total number of Immunisations against Diphtheria during 1964

|             | Age at Date of Injection |       |       |       |         | Total |
|-------------|--------------------------|-------|-------|-------|---------|-------|
|             | Under 1                  | 1 - 2 | 3 - 4 | 5 - 9 | 10 - 14 |       |
| Primary ..  | 241                      | 59    | 6     | 10    | -       | 316   |
| Reinforcing | -                        | 181   | 42    | 107   | 76      | 406   |
| Totals ..   | 241                      | 240   | 48    | 117   | 76      | 722   |

### Smallpox

Vaccination is carried out at Child Welfare Centres and by family doctors.

#### Total number of Vaccinations during 1964

|               | Age at Date of Injection |        |       |        |            | Total |
|---------------|--------------------------|--------|-------|--------|------------|-------|
|               | Under 1                  | 1 year | 2 - 4 | 5 - 14 | 15 or over |       |
| Vaccinated .. | 5                        | 170    | 38    | 5      | 14         | 232   |
| Re-vaccinated | -                        | -      | -     | 4      | 7          | 11    |
| Totals .. ..  | 5                        | 170    | 38    | 9      | 21         | 243   |

### National Assistance Act, 1948.

Cases continued to be referred by General Practitioners for investigation and assessment for institutional care - chronic sick or Part III accommodation (in conjunction with the Senior Social Welfare Officer), but, in no instance was statutory action on my part necessary under Section 47 of the Act which deals with compulsory removal.





SENIOR PUBLIC HEALTH INSPECTOR'S REPORT

SANITARY CIRCUMSTANCES IN THE AREA

WATER

Water continued to be supplied to the district by:-

1. The City of Birmingham Water Department.
2. The South Staffordshire Waterworks Company.

The following details have kindly been supplied by the respective undertakings.

The City of Birmingham Water Department

Fluoride Content

Fluoridation of Welsh water was started at the Elan Valley on 4th June 1964, initially at a rate to give a fluoride ion concentration of 0.25 p.p.m. in the water passed to Birmingham. Thereafter the dosing rate was gradually increased until the required level of 1.0 p.p.m. was reached on 4th December, 1964.

Chemical Analysis

The water distributed in the Area of Supply, including the greater part of the parish of Kingsbury, was almost entirely the soft moorland water of the Elan Supply. It was necessary however on two occasions to draw on the local Short Heath well to maintain supplies on the northeast side of the City, and on these occasions the supply to the parish of Kingsbury may have consisted of a mixture of both Elan and well waters with perhaps a considerable day-to-day variation in chemical characteristics, particularly hardness.

Dates of Pumping from  
Short Heath Well

Reason

|                             |   |
|-----------------------------|---|
| January 18th - 21st         | Burst 42" diameter trunk main                                     |
| October 26th - November 4th | Two 43" trunk mains out of commission for repair of double burst. |

WELSH WATER - Typical Analysis

(average results of 12 samples taken during 1964)

Parts per 1,000,000 (milligrammes per litre)

|  |       |
|--|-------|
| Total solid matter                     | 43    |
| Ammoniacal Nitrogen                    | 0.000 |
| Albuminoid Nitrogen                    | 0.029 |
| Nitrogen in nitrates                   | 0     |
| Oxygen consumed in 4 hrs @ 27°C (80°F) | 1.1   |
| Chlorine in chlorides                  | 9     |
| Alkalinity (as CaCO <sub>3</sub> )     | 8     |
| Hardness (as CaCO <sub>3</sub> )       | 18    |
| pH                                     | 7.1   |

The number of new connections made to houses during 1964 was 106.

The South Staffordshire Waterworks Company

1. The supply to the Tamworth Rural District is derived from one pumping station at Hopwas and five others outside the authority's boundaries.



2. Regular and frequent samples, both bacteriological and chemical, are examined from the pumping stations. Bacteriological samples of the water prior to chlorination are also examined where possible.

During 1964, 268 samples of chlorinated water were examined. Of these, 264 were free from all forms of coliform bacteria.

375 samples of raw water were examined, 368 of which were free from coliform bacteria.

Samples were also examined from Hopwas Reservoir, from taps at Austrey, Fazeley, Middleton, Wigginton and Wishaw, and from a hydrant at Hopwas.

12 out of the 13 samples from Austrey were satisfactory as were 11 out of 12 from Fazeley. 40 samples from Hopwas Reservoir, 12 from Middleton, 12 from Wigginton, 12 from Wishaw and 6 from the hydrant at Hopwas were all free from coliform bacteria.

No Fluoride determinations have been made of the water supplied to Tamworth Rural District Council, but the naturally occurring contents of the supplying stations vary between nil (Hopwas) and .3 p.p.m. (Chilcote).

3. Monthly certificates of analyses for Austrey and Middleton were furnished for the Medical Officer of Health. The average chemical results for 1964 were:-

|                                       | <u>Austrey</u>                        |  |  |  | <u>Middleton</u> |
|---------------------------------------|---------------------------------------|--|--|--|------------------|
| pH                                    | 7.6                                   |  |  |  | 7.4              |
|                                       | <u>Expressed in parts per million</u> |  |  |  |                  |
| Alkalinity (CaCO <sub>3</sub> ) .. .. | 49                                    |  |  |  | 130              |
| Chlorides (Cl).. <sup>3</sup> .. ..   | 78.2                                  |  |  |  | 27.4             |
| Ammoniacal Nitrogen (N) .. ..         | .031                                  |  |  |  | trace            |
| Albuminoid Nitrogen (N) .. ..         | trace                                 |  |  |  | .011             |
| Oxidised Nitrogen (N) .. ..           | .5                                    |  |  |  | 8.0              |
| Oxygen absorbed (3 hrs @ 27°C)        | .12                                   |  |  |  | .18              |
| Temporary Hardness .. ..              | 45                                    |  |  |  | 124              |
| Permanent Hardness .. ..              | 128                                   |  |  |  | 108              |
| Total Hardness.. ..                   | 173                                   |  |  |  | 232              |
| Iren(Fe) .. ..                        | trace                                 |  |  |  | .03              |
| Manganese (Mn).. ..                   | nil                                   |  |  |  | nil              |
| Lead (Pb).. ..                        | nil                                   |  |  |  | nil              |
| Free Cl .. ..                         | nil                                   |  |  |  | nil              |

4. The waters are not liable to plumbo-solvency, all 61 tap samples being free from any measurable quantity of lead.

5. The number of new connections to houses during 1964 were:-

|                         |       |
|-------------------------|-------|
| Austrey.. ..            | 38    |
| Newton Regis.. ..       | 11    |
| Amington .. ..          | 35    |
| Glascote .. ..          | 102   |
| Wilnecote .. ..         | 30    |
| Kingsbury (Dosthill) .. | 73    |
| Middleton .. ..         | 5     |
|                         | <hr/> |
| Total                   | 294   |
|                         | <hr/> |





## DRAINAGE AND SEWERAGE

### Austrey

Sewage from the village drains to Warton Lane from where it is pumped to the Newton Regis Works.

### Newton Regis

Sewage from the hamlet of Noman's Heath and the village of Newton Regis drains to the Newton Regis Works.

### Seckington

Sewage from the village drains to the Newton Regis Works.

### Shuttington

Sewage from Shuttington Village is pumped to the Newton Regis Works.

Sewage from Alvecote is pumped to the Amington Works.

### Amington

With the exception of a few outlying houses and farms, the parish is fully sewered, draining to the Amington Works.

### Glascote

Glascote drains to the sewers of the Tamworth Joint Sewage Committee.

### Dosthill

Dosthill, with the exception of the hamlet of Whateley, which is not sewered, drains to the Dosthill Works.

### Wilnecote

Kettlebrook, Belgrave, Two Gates and Wilnecote, except parts of Hockley, are drained to the Tamworth Joint Sewage Committee's sewers, the remaining part to the Dosthill Works.

### Kingsbury

Drained to the Cliff Works with a pumping station at Coventry Road, Kingsbury to pump sewage from the lower end into the gravity sewers.

### Wood End

Drained to Old Rail Works at Hurley.

### Hurley

Drained to works at Old Rail Farm, with a pumping station at Rockingham to pump sewage from lower end of village into gravity main.

### Middleton

The village of Middleton is drained to works at Church Lane, Middleton.

Bassetts Pole is drained to works at Hill Lane, Bassetts Pole.

## INFECTIOUS DISEASES

The continued low incidence of disease called for very little work in this field. It was confined to enquiries in connection with cases of scarlet fever and checks on contacts of Para Typhoid 'B'.





## REFUSE COLLECTION AND DISPOSAL

The system of collecting refuse by direct labour, under the control of the Council's Engineer and Surveyor, continued to give a regular collection throughout the district.

The scarcity of land for tipping continued to cause alarm, but negotiations were successful for a site which will ease the situation for a few years.

The use of a Europa Tractor has meant improved control of tipping, and, as a result, no serious infestations of flies, crickets or rats were experienced.

## FACTORIES ACTS, 1937 TO 1959

| Premises   | No. on Register | Inspec- tions | Written Notices | Prosecu- tions |
|--|-----------------|---------------|-----------------|----------------|
| (i) Factories in which Sec. 1, 2, 3, 4, & 6 are enforced by Local Authorities .. .. .                          | 13              | -             | -               | -              |
| (ii) Factories not included in (i) in which Sec. 7 is enforced by Local Authorities .. .. .                    | 47              | 8             | -               | -              |
| (iii) Other premises in which Sec. 7 is enforced by Local Authorities (excluding out-workers premises) .. .. . | 18              | -             | -               | -              |
| Totals ..  | 78              | 8             | -               | -              |

## ATMOSPHERIC POLLUTION

As a member of the Warwickshire Clean Air Council, the Council continued to operate various recording gauges in the district. These consisted of one deposit gauge, five lead peroxide gauges and two daily smoke and volumetric instruments. The latter two are installed in the Kingsbury and Wilnecote High Schools and operated by senior scholars under the guidance of their science masters, to whom I am grateful for their co-operation and interest.

It is satisfying to report that the amount of pollution collected by the deposit gauge was the lowest on record and that the district level of sulphur dioxide still continued to decrease.

The results and comparisons are shown in Tables I to V.

TABLE I  
DEPOSIT GAUGE

| Year | Rainfall in inches | Water insoluble matter | Water soluble matter | Total tons per sq. mile | Average monthly tons/sq.mile |
|------|--------------------|------------------------|----------------------|-------------------------|------------------------------|
| 1960 | 33.78              | 102.74                 | 78.62                | 181.36                  | 15.11                        |
| 1961 | 18.95              | 88.94                  | 58.06                | 147.00                  | 12.25                        |
| 1962 | 20.35              | 117.69                 | 52.58                | 170.27                  | 14.19                        |
| 1963 | 18.34              | 79.06                  | 53.39                | 132.45*                 | 11.99                        |
| 1964 | 17.56              | 85.52                  | 46.45                | 131.97                  | 10.99                        |

\* 11 months only.



TABLE II  
LEAD PEROXIDE INSTRUMENTS

| Year | Amington | Newton<br>Regis | Wilnecote         |             | Wood End | District<br>Average |
|------|----------|-----------------|-------------------|-------------|----------|---------------------|
|      |          |                 | Watling<br>Street | New<br>Road |          |                     |
| 1960 | 1.39     | .94             | 1.38              | 1.82        | 1.19     | 1.34                |
| 1961 | 1.40     | .78             | 1.32              | 1.63        | 1.11     | 1.25                |
| 1962 | 1.20     | .80             | 1.30              | 1.50        | 1.18     | 1.20                |
| 1963 | 1.20     | .85             | 1.19              | 1.64        | 1.11     | 1.19                |
| 1964 | 1.27     | .70             | 1.18              | 1.49        | 1.18     | 1.14                |

The above figures represent the monthly average weight of sulphur dioxide collected in m.g. 100 sq.cm/day.

TABLE III  
DEPOSIT GAUGE

|                             | Rain<br>collected<br>in inches | Water<br>insoluble<br>matter | Water<br>soluble<br>matter | Total<br>solids<br>Tons per<br>sq.mile |
|-----------------------------|--------------------------------|------------------------------|----------------------------|--|
| January                     | 0.63                           | 7.52                         | 4.73                       | 12.25                                  |
| February                    | 0.71                           | 6.49                         | 3.11                       | 9.60                                   |
| March                       | 2.56                           | 7.25                         | 3.64                       | 10.89                                  |
| April                       | 1.89                           | 11.63                        | 3.41                       | 15.04                                  |
| May                         | 1.06                           | 1.50                         | 3.28                       | 4.78                                   |
| June                        | 3.15                           | 9.44                         | 6.82                       | 16.26                                  |
| July                        | 1.26                           | 9.94                         | 3.61                       | 13.55                                  |
| August                      | 1.85                           | 7.68                         | 1.89                       | 9.57                                   |
| September                   | 0.43                           | 2.78                         | 2.68                       | 5.46                                   |
| October                     | 1.50                           | 10.96                        | 6.43                       | 17.39                                  |
| November                    | 0.83                           | 6.36                         | 3.31                       | 9.67                                   |
| December                    | 1.69                           | 3.97                         | 3.54                       | 7.51                                   |
| Totals                      | 17.56                          | 85.52                        | 46.45                      | 131.97                                 |
| Average<br>winter<br>months | 1.32                           | 7.09                         | 4.13                       | 11.23                                  |
| Average<br>summer<br>months | 1.61                           | 7.16                         | 3.61                       | 10.77                                  |





TABLE IV

## LEAD PEROXIDE GAUGES 1964

wt of SO<sup>3</sup> collected m.g./100 sq.cm./day

|                             | Amington | Newton<br>Regis | Wilnecote   |          | Wood<br>End | District<br>Average |
|-----------------------------|----------|-----------------|-------------|----------|-------------|---------------------|
|                             |          |                 | Watling St. | New Road |             |                     |
| January                     | 1.6      | 1.0             | 1.5         | 2.0      | 1.3         | 1.48                |
| February                    | 1.2      | 0.8             | 1.2         | 2.1      | 1.5         | 1.36                |
| March                       | 1.1      | 1.2             | 1.1         | 2.0      | 1.5         | 1.38                |
| April                       | 1.4      | 0.7             | 1.0         | 1.4      | 1.1         | 1.12                |
| May                         | 0.9      | 0.6             | 0.8         | 0.9      | 0.45        | 0.72                |
| June                        | 0.7      | 0.4             | 0.6         | 1.0      | 0.8         | 0.70                |
| July                        | 0.5      | 0.35            | 0.5         | 0.45     | 0.6         | 0.48                |
| August                      | 0.5      | 0.3             | 0.3         | 0.7      | 0.8         | 0.52                |
| September                   | 0.9      | 0.5             | 0.9         | 1.0      | 0.9         | 0.84                |
| October                     | 1.3      | 0.6             | 1.2         | 1.7      | 1.4         | 1.24                |
| November                    | 1.7      | 1.0             | 1.4         | 2.0      | 1.5         | 1.52                |
| December                    | 3.5      | 1.2             | 2.0         | 2.7      | 2.2         | 2.32                |
| Average<br>Summer<br>Months | 0.81     | 0.47            | 0.68        | 0.91     | 0.77        | 0.73                |
| Average<br>Winter<br>Months | 1.73     | 1.10            | 1.40        | 2.08     | 1.57        | 1.58                |
| Monthly<br>Average          | 1.27     | 0.70            | 1.04        | 1.49     | 1.18        | 1.14                |



TABLE V

DAILY SMOKE AND SULPHUR DIOXIDE DURING 1964  
(Microgrammes per cubic foot of air)

| Month     | WILNECOTE |        |         |                 |        |         | KINGSBURY                          |         |        |         |                 |        | Ratio<br>Smoke/<br>SO <sub>2</sub> |         |
|-----------|-----------|--------|---------|-----------------|--------|---------|------------------------------------|---------|--------|---------|-----------------|--------|------------------------------------|---------|
|           | SMOKE     |        |         | SO <sub>2</sub> |        |         | Ratio<br>Smoke/<br>SO <sub>2</sub> | SMOKE   |        |         | SO <sub>2</sub> |        |                                    |         |
|           | Highest   | Lowest | Average | Highest         | Lowest | Average |                                    | Highest | Lowest | Average | Highest         | Lowest |                                    | Average |
|           |           |        |         |                 |        |         |                                    |         |        |         |                 |        |                                    |         |
| January   | 367       | 12     | 150     | 489             | Alk    | 162     | 0.93                               | 492     | 21     | 189     | 363             | Alk    | 165                                | 1.14    |
| February  | 277       | 83     | 140     | 305             | 100    | 156     | 0.90                               | 400     | 26     | 74      | 329             | 62     | 100                                | 0.74    |
| March     | 104       | 21     | 51      | 146             | Alk    | 73      | 0.70                               | 264     | 18     | 142     | 158             | Alk    | 94                                 | 1.51    |
| April     | 355       | 56     | 105     | 262             | Alk    | 34      | 3.09                               | 264     | 6      | 38      | 130             | 19     | 42                                 | 0.90    |
| May       | 131       | 29     | 50      | 141             | Alk    | 62      | 0.80                               | 216     | 4      | 37      | 48              | Alk    | 19                                 | 1.99    |
| June      | 179       | 25     | 90      | 235             | Alk    | 100     | 0.90                               | 129     | 27     | 59      | 366             | Alk    | 74                                 | 0.79    |
| July      | 256       | 26     | 145     | 208             | 61     | 106     | 1.37                               | 266     | 33     | 129     | 377             | 63     | 162                                | 0.79    |
| August    | -         | -      | -       | -               | -      | -       | -                                  | -       | -      | -       | -               | -      | -                                  | -       |
| September | 199       | 14     | 63      | 149             | 11     | 82      | 0.77                               | 161     | 4      | 31      | 181             | 0      | 52                                 | 0.59    |
| October   | 257       | 52     | 131     | 338             | 66     | 154     | 0.86                               | 96      | 56     | 69      | 173             | 19     | 72                                 | 0.96    |
| November  | 198       | 24     | 124     | 545             | 47     | 160     | 0.77                               | 190     | 50     | 52      | 158             | Alk    | 56                                 | 0.93    |
| December  | 520       | 56     | 173     | 661             | 0      | 214     | 0.81                               | 411     | 4      | 146     | 452             | 93     | 222                                | 0.65    |
|           |           |        | 111     |                 |        | 119     | 0.94                               |         |        | 88      |                 |        | 96                                 | 0.91    |





## RODENT CONTROL

The Council continued to employ a full-time rodent operative, and the service continued to give satisfactory coverage of the area. A number of farms and business concerns availed themselves of this service on a contract basis.

No serious infestations were found, undoubtedly due to the thorough and conscientious work of the operator and the co-operation of the public.

## HOUSING

During the year the following new units of accommodation were completed in the district:-

|                                    |            |
|------------------------------------|------------|
| <u>Council:</u>                    |            |
| General and slum clearance etc.    | 97         |
| Houses for sale .. .. .            | 139        |
| <u>Private Enterprise:</u> .. .. . | 152        |
| Total .. .. .                      | <u>388</u> |

At the end of the year the following were under construction:-

|                                   |            |
|-----------------------------------|------------|
| <u>Council</u> .. .. .            | 28         |
| <u>Private Enterprise</u> .. .. . | 257        |
| Total .. .. .                     | <u>285</u> |

## Housing (Financial Provisions) Act, 1958

During the year 37 applications for Discretionary Improvement Grants were approved, amounting to £14,097.

## House Purchase and Housing Act 1959

During the year 49 applications for Standard Improvement Grants were received and 45 approved.

Work in respect of 62 applications approved was completed and grants amount to £10,042. 13. 9. paid.

This resulted in the provision of 57 baths, 61 wash hand basins, 59 hot water supplies, 59 w.c's and 28 food stores.

Owing to the necessity to demolish the prefabricated aluminium bungalows at Wood End and Piccadilly, the Council's building programme was mostly confined to providing accommodation for tenants displaced from the bungalows and consequently practically no work was possible under the general slum clearance scheme.

The number of applications on the Council's Housing List at the end of 1964 were 535 made up as follows:-



| Parish       | Householders | Lodgers | Total |
|--------------|--------------|---------|-------|
| Amington     | 21           | 36      | 57    |
| Austrey      | 8            | 2       | 10    |
| Glascote     | 61           | 22      | 83    |
| Middleton    | 4            | 4       | 8     |
| Newton Regis | 5            | 2       | 7     |
| Shuttington  | 15           | 14      | 29    |
| Wilnecote    | 89           | 36      | 125   |
| Kingsbury    | 54           | 23      | 77    |
| Dosthill     | 16           | 28      | 44    |
| Hurley       | 54           | 17      | 71    |
| Wood End     | 17           | 7       | 24    |
| Totals       | 344          | 191 *   | 535   |

\* includes 31 caravan dwellers.

#### THE OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

The above act came into operation during the year and the following are the particulars of registration:-

| <u>Type of Premises</u> | <u>Number</u> | <u>No. of persons employed</u> |
|-------------------------|---------------|--------------------------------|
| Offices                 | 6             | 14                             |
| Retail shops            | 32            | 94                             |
| Wholesale shops         | 2             | 10                             |
| Catering establishments | 3             | 15                             |
| Totals                  | 43            | 133                            |
|                         |               | Males 38                       |
|                         |               | Females 95                     |

Registrations are on the low side as the majority of offices are on factory premises and the majority of shops are the smaller family run businesses.

No exemptions were requested or granted and no statutory action under the act taken.

#### FOOD PREMISES AND VEHICLES

The general standard of preparation rooms, shops and vehicles remained satisfactory.

One firm only manufactured ice cream and samples taken were satisfactory.





# MEAT INSPECTION

One hundred per cent meat inspection was carried out.

The general quality of meat in the area remained high, and the standard of working in the three licensed slaughter houses was satisfactory.

A total of 10,646 animals were inspected, an increase of 8 per cent over 1965, and the amount of meat and offal found unfit totalled 24 cwts.

The following tables give analysis of the year's statistics:-

|   | Cattle<br>excluding<br>Cows | Cows | Calves | Sheep | Pigs  |
|---|-----------------------------|------|--------|-------|-------|
| Number killed and inspected   | 1,498                       | 14   | 88     | 5,659 | 3,387 |
| All diseases except T.B. &<br>Cystercercus Bovis:                             |                             |      |        |       |       |
| Whole carcasses condemned   | 1                           | -    | 1      | 4     | 2     |
| Carcasses of which some<br>part or organ was<br>condemned                     | 128                         | 3    | -      | 2     | 22    |
| Percentage of number<br>inspected affected,<br>other than T.B. or<br>c. Bovis | 8.6                         | 21.4 | 1.1    | 0.1   | 0.7   |
| Tuberculosis only:  |                             |      |        |       |       |
| Whole carcasses condemned   | -                           | -    | -      | -     | -     |
| Carcasses of which some<br>part or organ was<br>condemned                     | -                           | -    | -      | -     | 7     |
| Percentage affected   | -                           | -    | -      | -     | 0.2   |
| Cystercercus Bovis:   |                             |      |        |       |       |
| Cases found   | -                           | -    | -      | -     | -     |

## Diseased meat and offals

|                                      | Carcase meat |      |     |     | Offals |      |     |     |
|--------------------------------------|--------------|------|-----|-----|--------|------|-----|-----|
|                                      | Tons         | Cwts | Qrs | Lbs | Tons   | Cwts | Qrs | Lbs |
| All diseases except<br>Tuberculosis: |              |      |     |     |        |      |     |     |
| Cattle                               |              | 5    | 3   | 16  |        | 13   | 1   | 0   |
| Cows                                 |              |      | 2   | 6   |        |      | 1   | 5   |
| Calves                               |              |      |     | 25  |        |      |     |     |
| Sheep                                |              | 1    | 2   | 21  |        |      |     |     |
| Pigs                                 |              | 1    | 1   | 26  |        |      |     |     |
| Tuberculosis only:                   |              |      |     |     |        |      |     |     |
| Pigs (heads)                         |              |      |     |     |        |      | 2   | 12  |
| Total                                |              | 9    | 3   | 10  |        | 14   | 0   | 17  |



WORK COMPLETED AT PREMISES DURING THE YEAR 1964

HOUSING

|   |    |
|---|----|
| Roof repaired or renewed                              | 3  |
| Chimney stack repaired or renewed                     | 2  |
| Eaves, gutters and down spouts repaired<br>or renewed | 3  |
| External walls repaired                               | 2  |
| Walls plastered                                       | 12 |
| Ceilings plastered                                    | 3  |
| Windows repaired or renewed                           | 9  |
| Doors repaired or renewed                             | 4  |
| Stairs repaired or renewed                            | 1  |
| Floors repaired or renewed                            | 2  |
| Fire grates repaired or renewed                       | 3  |
| New sinks provided                                    | 2  |
| Food stores provided or repaired                      | 2  |
| Water closets provided or renewed                     | 6  |
| Water cisterns provided or renewed                    | 6  |

DRAINAGE

|                                  |   |
|----------------------------------|---|
| Drains cleared                   | 8 |
| Drains repaired or reconstructed | 7 |

FOOD PREMISES

|                                |   |
|--------------------------------|---|
| Structural repairs carried out | 1 |
|--------------------------------|---|

VISITS

|                                     |     |
|-------------------------------------|-----|
| Water supplies                      | 53  |
| Drainage                            | 97  |
| Piggeries                           | 6   |
| Moveable dwellings                  | 32  |
| Factories                           | 8   |
| Refuse Disposal                     | 7   |
| Rodent Control                      | 45  |
| Atmospheric Pollution               | 189 |
| Food Premises and samples           | 138 |
| Canteens                            | 16  |
| Licensed Premises                   | 21  |
| Food Vehicles                       | 3   |
| Housing                             | 206 |
| Infectious Diseases                 | 14  |
| Meat Inspection                     | 634 |
| Petroleum Acts                      | 47  |
| Offices, Shops and Railway Premises | 25  |
| Schools                             | 2   |
| Miscellaneous visits                | 41  |

\* \* \* \* \*



